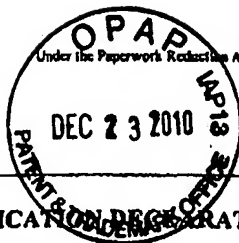


DSM



<b>REISSUE APPLICATION FOR REGISTRATION BY THE ASSIGNEE</b>		Docket Number (optional) 4676-13
<p>I hereby declare that:</p> <p>The residence, mailing address and citizenship of the inventors are stated below.</p> <p>I am authorized to act on behalf of the following assignee: DSM IP Assets B.V.; JSR Corporation; Japan Fine Coatings Co., Ltd.</p> <p>and the title of my position with said assignee is: Authorized Representative of DSM IP Assets B.V.</p> <p>The entire title to the patent identified below is vested in said assignee.</p>		
Inventor Tetsuya YAMAMURA		Citizenship Japan
Residence/Mailing Address 1-9-2 Higashi-shimbashi, Minato-ku, Tokyo 105-0021, Japan		
Inventor Tsuyoshi WATANABE		Citizenship Japan
Residence/Mailing Address 1-9-2 Higashi-shimbashi, Minato-ku, Tokyo 105-0021, Japan		
<input checked="" type="checkbox"/> Additional Inventors are named on separately numbered sheets attached hereto.		
Patent Number 6,365,644		Date of Patent Issued April 2, 2002
Title of Invention PHOTO-CURABLE RESIN COMPOSITION USED FOR PHOTO-FABRICATION OF THREE-DIMENSIONAL OBJECT		
<p>I believe said inventor(s) to be the original and first inventor(s) of the subject matter which is described and claimed in said patent, for which a reissue patent is sought on the invention entitled: PHOTO-CURABLE RESIN COMPOSITION USED FOR PHOTO-FABRICATION OF THREE-DIMENSIONAL OBJECT the specification of which</p> <p><input type="checkbox"/> is attached hereto</p> <p><input checked="" type="checkbox"/> was filed on September 26, 2003 as reissue application number 10/671,438 and was amended on (if applicable)</p> <p>I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.</p> <p>I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.</p> <p>I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b). Attached is form PTO/SB/02B (or equivalent) listing the foreign applications.</p> <p>I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)</p> <p><input type="checkbox"/> by reason of a defective specification or drawing.</p> <p><input checked="" type="checkbox"/> by reason of the patentee claiming more or less than he had the right to claim in the patent.</p> <p><input checked="" type="checkbox"/> by reason of other errors.</p>		

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<b>REISSUE APPLICATION DECLARATION BY THE ASSIGNEE</b>		Docket Number (optional)  4676-13									
<p>At least one error upon which reissue is based is described as follows:</p> <p>A dependent claim does not further limit the claim to which it refers.</p> <p>This is a broadening reissue. New claims do not list the epoxy compounds enumerated in the previous independent claim. Also new independent claims do not state that an H-shaped object obtained by curing the composition has a dimensional accuracy value of less than or equal to 0.10 mm.</p>											
<p style="text-align: center;"><small>[Attach additional sheets, if needed.]</small></p> <p>All errors which are being corrected in this reissue application up to the time of filing of this declaration arose without any deceptive intention on the part of the applicant.</p>											
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Name(s)	Registration Number										
<p style="text-align: center;"><b>CORRESPONDENCE ADDRESS</b></p> <p>Direct all correspondence to:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 35%; vertical-align: top;"> <input checked="" type="checkbox"/> <b>Customer Number:</b> </td> <td style="width: 15%; text-align: center; border: 1px solid black; padding: 5px;"> <b>23117</b> </td> <td style="width: 30%; vertical-align: top;">                 Place Customer Number Bar Label Here →             </td> <td style="width: 20%; border: 1px solid black; height: 60px;"></td> </tr> <tr> <td colspan="2" style="text-align: center; font-size: small;">                 Type Customer Number here             </td> <td colspan="2"></td> </tr> </table>				<input checked="" type="checkbox"/> <b>Customer Number:</b>	<b>23117</b>	Place Customer Number Bar Label Here →		Type Customer Number here			
<input checked="" type="checkbox"/> <b>Customer Number:</b>	<b>23117</b>	Place Customer Number Bar Label Here →									
Type Customer Number here											
<input checked="" type="checkbox"/> Firm or individual Name	Nixon & Vanderhye P.C.										
Address	901 N. Glebe Road, 11th Floor										
Address											
City	Arlington	State	VA								
Country	U.S.A.										
Telephone	703-816-4000	Fax	703-816-4100								
<p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.</p>											
Full name of person signing (given name, family name) <span style="float: right;"><b>MAJA SCHMITT</b></span>											
Signature											
Date	23.11.2010										
Address of Assignee DSM IP Assets B.V., Het Overloon 1, 6411 TE Heerlen, THE NETHERLANDS											

ATTACHMENT - CONTINUATION OF ERRORS

Inventor	Akira TAKEUCHI	Citizenship	Japan
Residence/Mailing Address 1-9-2 Higashi-shimbashi, Minato-ku, Tokyo 105-0021, Japan			
Inventor	Takashi UKACHI	Citizenship	Japan
Residence/Mailing Address 57-1 Sawabe Tsuchiura, Ibaraki 300-4104 Japan			
Inventor		Citizenship	
Residence/Mailing Address			
Inventor		Citizenship	
Residence/Mailing Address			
Inventor		Citizenship	
Residence/Mailing Address			
Inventor		Citizenship	
Residence/Mailing Address			
Inventor		Citizenship	
Residence/Mailing Address			
Inventor		Citizenship	
Residence/Mailing Address			

CONTINUATION OF ERRORS:

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

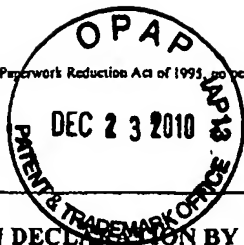
**DECLARATION – Supplemental Priority Data Sheet****Foreign applications:**

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
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8-352893	Japan	12/13/1996	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

JSR Corp.



<b>REISSUE APPLICATION DECLARATION BY THE ASSIGNEE</b>		Docket Number (optional) 4676-13
<p>I hereby declare that:</p> <p>The residence, mailing address and citizenship of the inventors are stated below.</p> <p>I am authorized to act on behalf of the following assignee: DSM IP Assets B.V; JSR Corporation; Japan Fine Coatings Co., Ltd.</p> <p>and the title of my position with said assignee is: <u>General Manager Intellectual Dept</u> of JSR Corporation.</p> <p>The entire title to the patent identified below is vested in said assignee.</p>		
Inventor Tetsuya YAMAMURA		Citizenship Japan
Residence/Mailing Address 1-9-2 Higashi-shimbashi, Minato-ku, Tokyo 105-0021, Japan		
Inventor Tsuyoshi WATANABE		Citizenship Japan
Residence/Mailing Address 1-9-2 Higashi-shimbashi, Minato-ku, Tokyo 105-0021, Japan		
<input checked="" type="checkbox"/> Additional Inventors are named on separately numbered sheets attached hereto.		
Patent Number 6,365,644	Date of Patent Issued April 2, 2002	
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[Attach additional sheets, if needed.] All errors which are being corrected in this reissue application up to the time of filing of this declaration arose without any deceptive intention on the part of the applicant.			
I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith. Name(s) _____ Registration Number _____			
<b>CORRESPONDENCE ADDRESS</b>			
Direct all correspondence to:			
<input checked="" type="checkbox"/> <b>Customer Number:</b>		<b>23117</b> <small>Type Customer Number here</small>	Place Customer Number Bar Label Here → <div style="border: 1px solid black; width: 150px; height: 60px; display: inline-block; vertical-align: middle;"></div>
<input checked="" type="checkbox"/> Firm or individual Name	Nixon & Vanderhye P.C.		
Address	901 N. Glebe Road, 11th Floor		
City	Arlington	State	VA Zip 22203
Country	U.S.A.		
Telephone	703-816-4000	Fax	703-816-4100
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.			
Full name of person signing (given name, family name) <b>TAKAYOSHI TANABE</b>			
Signature	Date <b>Nov. 25 2010</b>		
Address of Assignee DSM IP Assets B.V., Het Overloon 1, 6411 TE Heerlen, THE NETHERLANDS			

ATTACHMENT - CONTINUATION OF ERRORS



Inventor	Akira TAKEUCHI	Citizenship	Japan
Residence/Mailing Address 1-9-2 Higashi-shimbashi, Minato-ku, Tokyo 105-0021, Japan			
Inventor	Takashi UKACHI	Citizenship	Japan
Residence/Mailing Address 57-1 Sawabe Tsuchiura, Ibaraki 300-4104 Japan			
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CONTINUATION OF ERRORS:

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**DECLARATION – Supplemental Priority Data Sheet****Foreign applications:**

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
8-352893	Japan	12/13/1996	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Japan Fine Coatings  
Co. Ltd.



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I hereby declare that:  The residence, mailing address and citizenship of the inventors are stated below.  I am authorized to act on behalf of the following assignee: DSM IP Assets B.V; JSR Corporation; Japan Fine Coatings Co., Ltd.  and the title of my position with said assignee is: <u>President</u> of Japan Fine Coatings Co., Ltd.  The entire title to the patent identified below is vested in said assignee.		
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<p style="text-align: center;"><b>CORRESPONDENCE ADDRESS</b></p> <p>Direct all correspondence to:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%; vertical-align: top;"> <input checked="" type="checkbox"/> <b>Customer Number:</b> </td> <td style="width: 20%; text-align: center; vertical-align: top;"> <div style="border: 1px solid black; padding: 5px; display: inline-block;">23117</div>  <small>Type Customer Number here</small> </td> <td style="width: 30%; vertical-align: top;">                 Place Customer Number Bar Label Here →             </td> <td style="width: 20%; text-align: center; vertical-align: top;"> <div style="border: 1px solid black; width: 150px; height: 60px; margin: 0 auto;"></div> </td> </tr> </table>				<input checked="" type="checkbox"/> <b>Customer Number:</b>	<div style="border: 1px solid black; padding: 5px; display: inline-block;">23117</div> <small>Type Customer Number here</small>	Place Customer Number Bar Label Here →	<div style="border: 1px solid black; width: 150px; height: 60px; margin: 0 auto;"></div>
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<input checked="" type="checkbox"/> Firm or individual Name	Nixon & Vanderhye P.C.						
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Full name of person signing (given name, family name) <div style="text-align: center; font-family: cursive;">TAKASHI UKACHI</div>							
Signature	<div style="font-family: cursive; font-size: 1.2em;">Takashi Ukachi</div>		Date <div style="font-family: cursive; font-size: 1.2em;">NOV. 29, 2010</div>				
Address of Assignee DSM IP Assets B.V., Het Overloon 1, 6411 TE Heerlen, THE NETHERLANDS							

ATTACHMENT - CONTINUATION OF ERRORS

Inventor	Akira TAKEUCHI	Citizenship	Japan
Residence/Mailing Address 1-9-2 Higashi-shimbashi, Minato-ku, Tokyo 105-0021, Japan			
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CONTINUATION OF ERRORS:

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# Inventors





PTO/SB/51 (05-08)

Approved for use through 08/31/2010. OMB 0651-0033  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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## REISSUE APPLICATION DECLARATION BY THE INVENTOR

Docket Number (Optional)

4676-13

I hereby declare that:

Each inventor's residence, mailing address and citizenship are stated below next to their name.

I believe the inventors named below to be the original and first inventor(s) of the subject matter which is described and claimed in patent number 6,365,644 granted April 2, 2002 and for which a reissue patent is sought on the invention entitled PHOTO-CURABLE RESIN COMPOSITION USED FORPHOTO-FABRICATION OF THREE-DIMENSIONAL OBJECT

the specification of which

☐

is attached hereto.

☒was filed on September 26, 2003 as reissue application number 10/671,438

and was amended on \_\_\_\_\_

(If applicable)

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

☒

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b). Attached is form PTO/SB/02B (or equivalent) listing the foreign applications.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

☐

by reason of a defective specification or drawing.

☒

by reason of the patentee claiming more or less than he had the right to claim in the patent.

☒

by reason of other errors.

At least one error upon which reissue is based is described below. If the reissue is a broadening reissue, such must be stated with an explanation as to the nature of the broadening:

A dependent claim does not further limit the claim to which it refers.

This is a broadening reissue. New claims do not list the epoxy compounds enumerated in the previous independent claim. Also new independent claims do not state that an H-shaped object obtained by curing the composition has a dimensional accuracy value of less than or equal to 0.10 mm.

(Page 1 of 2)

This collection of information is required by 37 CFR 1.175. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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## (REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)

Docket Number (Optional)

4676-13

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.

Note: To appoint a power of attorney, use form PTO/SB/81.

Correspondence Address: Direct all communications about the application to:



The address associated with Customer Number:

23117

OR

<input type="checkbox"/> Firm or Individual Name			
Address			
City	State	Zip	
Country			
Telephone	Email		

**WARNING:**

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Full name of sole or first inventor (given name, family name)

Tetsuya YAMAMURA

Inventor's signature

*Tetsuya Yamamura*

Date

Dec. 1, 2010

Residence

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Citizenship

Japan

Mailing Address

1-9-2 Higashi-shimbashi, Minato-ku, Tokyo 105-0021 Japan

Full name of second joint inventor (given name, family name)

Tsuyoshi WATANABE

Inventor's signature

*Tsuyoshi Watanabe*

Date

Dec. 15, 2010

Residence

Tokyo, Japan

Citizenship

Japan

Mailing Address

1-9-2 Higashi-shimbashi, Minato-ku, Tokyo 105-0021 Japan



Additional joint inventors or legal representative(s) are named on separately numbered sheets forms PTO/SB/02A or 02LR attached hereto.

**DECLARATION****ADDITIONAL INVENTOR(S)**  
Supplemental SheetPage 1 of 1

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Akira		TAKEUCHI	
Inventor's Signature <i>Akira Takeuchi</i>		Date <i>Nov. 25, 2010</i>	
Tokyo		Japan	Japan
Residence: City	State	Country	Citizenship
1-9-2 Higashi-shimbashi, Minato-ku			
Mailing Address			
City Tokyo	State	Zip 105-0021	Country Japan
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Takashi		UKACHI	
Inventor's Signature <i>Takashi Ukachi</i>		Date <i>NOV. 30, 2010</i>	
Ibaraki		Japan	Japan
Residence: City	State	Country	Citizenship
57-1 Sawabe, Tsuchiura			
Mailing Address			
City Ibaraki	State	Zip 300-4104	Country Japan
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
City	State	Zip	Country

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**DECLARATION – Supplemental Priority Data Sheet****Foreign applications:**

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
8-352893	Japan	12/13/1996	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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